



SPOTLIGHT

Assessing the Global Climate in 2016

With eight consecutive record-warm months from January to August, the global average temperature over land and ocean surfaces for 2016 was the highest since record keeping began in 1880 and the third straight record year, according to NOAA's NCEI annual summary.

NASA research flight around the world pauses in Anchorage

Chelsea Thompson, CIRES researcher in CSD, is studying atmospheric chemistry, ozone, and nitrogen oxides from NASA's DC-8 flying laboratory while on a 28-day round-the-world Atmospheric Tomography (ATom) mission. (Photo: Bill Roth / Alaska Dispatch News)

When good ozone goes bad

Late spring and early summer is when the air quality is generally good across most of the United States. But for the desert southwest, newly published NOAA research details how a common springtime weather pattern and pollution transported from Asia often conspire to create unhealthy ozone levels.

February 2017

Read full stories at www.Boulder.NOAA.gov

The Quadrennial Ozone Symposium 2016

The stunning cover image for the new issue of the **Advances in Atmospheric Sciences** journal was created by GMD's Patrick Cullis. It refers to the Quadrennial Ozone Symposium held in Edinburgh, Scotland in September 2016 and can be viewed in full online.

IN OUR COMMUNITY

- CSD's Steve Brown was interviewed about the Utah winter fine particulate study [here](#) and [here](#).
- You "otter"check out this new CIRES/CSD blog, "Air Quality in Salt Lake City: A Twin Otter Aircraft Study."
- NWS Meteorologist in Charge, Nezette Rydell, talked to the *Daily Camera* about Boulder County's recent bout of freezing drizzle that turned roads into skating rinks.
- The GSD/CIRA/CIRES SOS team announced a major price drop for SOS Explorer (SOSx™), NOAA's flat screen version of Science On a Sphere®.
- Judges are needed for the Colorado Science and Engineering Fair held at CSU on April 6, 2017!

TRENDING

This popular post announced the newly updated SWPC tour stop.



*The Cooperative Institute for Research in Environmental Sciences (CIRES) at the University of Colorado Boulder and the Cooperative Institute for Research in the Atmosphere (CIRA) at Colorado State University are part of NOAA's research community.

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NOAA Boulder



National Weather Service
(NWS)

National Environmental
Satellite, Data, and
Information Service (NESDIS)

Office of Oceanic and
Atmospheric Research (OAR)

National Ocean Service (NOS)

Space Weather Prediction Center (SWPC)

Weather Forecast Office (WFO)
Boulder/Denver

National Centers for Environmental
Information (NCEI)

Center for Coasts,
Oceans, and
Geophysics (CCOG)

Center for Weather
and Climate (CWC)

Earth System Research
Laboratory (ESRL)

Chemical Sciences
Division (CSD)

Global Systems
Division (GSD)

Global Monitoring
Division (GMD)

Physical Sciences
Division (PSD)

BLDC: Boulder Labs Diversity Council

BOCC: Boulder Outreach and Coordinating Council

CCOG: Center for Coasts, Oceans, and Geophysics

CSD: Chemical Sciences Division

CWC: Center for Weather and Climate

EEO: Equal Employment Opportunity

ESRL: Earth System Research Laboratory

GMD: Global Monitoring Division

GSD: Global Systems Division

NCEI: National Centers for Environmental Information (formerly NGDC)

NESDIS: National Environmental Satellite, Data, and Information Service

NIDIS: National Integrated Drought Information System

NOAA: National Oceanic and Atmospheric Administration

NOS: National Ocean Service

NWS: National Weather Service

OAR: Office of Oceanic and Atmospheric Research or NOAA Research

PSD: Physical Sciences Division

SWPC: Space Weather Prediction Center

WFO: Weather Forecast Office